



(43) International Publication Date  
28 April 2005 (28.04.2005)

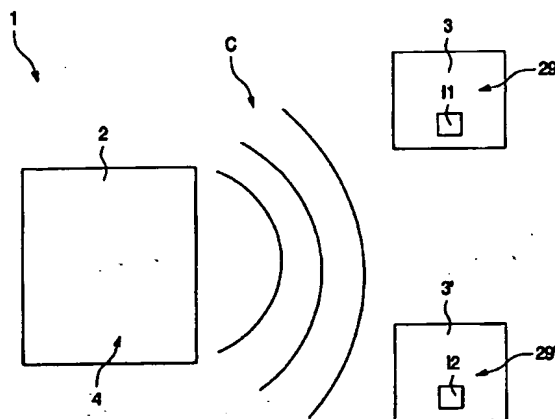
PCT

(10) International Publication Number  
**WO 2005/039120 A2**

- (51) International Patent Classification<sup>7</sup>: **H04L 12/413** (74) Agent: **RÖGGLA, Harald**; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).
- (21) International Application Number: **PCT/TB2004/052064** (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 12 October 2004 (12.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
03103822.7 15 October 2003 (15.10.2003) EP
- (71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **AMTMANN, Franz** [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT). **SCHERABON, Christian** [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT). **WATZINGER, Hubert** [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT). **BRANDL, Roland** [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: COMMUNICATION SYSTEM AND ANTI-COLLISION METHOD



(57) Abstract: In a receiving method for the contactless reception of identification information (11,12), which is stored in a data carrier (3, 3') and which can be received from the data carrier (3, 3') in a contactless manner in the form of information units (IU, IU') with a communication device (2), it is envisaged that firstly an information unit (R.IU) is received and that secondly it is detected that the received information unit (R.IU) represents a collision of two different information units (IU, IU') occurring essentially simultaneously, of which two different information units (IU, IU') the one information unit (IU) originates from a first data carrier (3) and the other information unit (IU') originates from a second data carrier (3'), and that thirdly a received information unit (R.IU) that represents a collision is replaced with a first replacement information unit (R.IU1) established by the communication device (2), which is used instead of the information unit (R.IU) representing the collision, as the information unit (IU) that originates from the first data carrier (3), and that fourthly, the first replacement information unit (R.IU1) is delivered in a contactless manner.